

PACHIPALA ET AL. -- 09/765,077
Client/Matter: 090933-0276150

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method for maintaining at a server frame context for a device, the method comprising:
generating a first data structure having a first pointer for a first frame and a second pointer for a second frame;
associating a first context indicator with the first data structure; and
sending from a server to a device the first context indicator, the first pointer, and a first document pointed to by the first pointer.
2. (Original) The method of claim 1, further comprising:
receiving at a server from the device the first context indicator, the first pointer, and a request;
generating based on the request a second data structure with a third pointer for the first frame and a fourth pointer for the second frame.
3. (Original) The method of claim 1, further comprising:
receiving at a server from the device a request; and
generating based on the request a second data structure having a third pointer for the first frame and a fourth pointer for the second frame.
4. (Original) The method of claim 2, further comprising assigning the first context indicator and the first pointer to a current context indicator.
5. (Original) The method of claim 2, further comprising:
associating a second context indicator with the second data structure; and
sending to the device the second context indicator, the third pointer, and a second document pointed to by the third pointer.
6. (Original) The method of claim 2, further comprising:
associating a second context indicator with the second data structure; and
assigning the second context indicator and the third pointer to a current context indicator.

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7. (Original) The method of claim 2, further comprising:
associating a second context indicator with the second data structure; and
sending to the device the second context indicator, the fourth pointer, and a second document pointed to by the fourth pointer.
8. (Original) The method of claim 2, further comprising:
associating a second context indicator with the second data structure; and
assigning the second context indicator and the fourth pointer to a current context indicator.
9. (Original) The method of claim 2, further comprising:
associating a second context indicator with the second data structure; and
placing the first context indicator and the second context indicator into a list in the relative order that the first context indicator and the second context indicator were generated.
10. (Original) The method of claim 2, further comprising:
assigning the first context indicator and the first pointer to a current context indicator;
wherein assigning the first context indicator precedes receiving at a server from the device the first context indicator;
assigning the second context indicator and the third pointer to the current context indicator;
wherein assigning the second context indicator occurs after receiving at a server from the device the first context indicator.
11. (Original) The method of claim 2, wherein the first pointer and the third pointer point to different documents.
12. (Original) The method of claim 2, wherein the second pointer and the fourth pointer point to different documents.
13. (Original) The method of claim 2, further comprising:
associating a second context indicator with the second data structure;
placing the first context indicator and the second context indicator into a list in the relative order that the first context indicator and the second context indicator were generated.
14. (Original) The method of claim 2, further comprising:

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generating a third data structure with a fifth pointer to the first frame and a sixth pointer to the second frame;

associating a third context indicator with the third data structure;

sending the third context indicator, the fifth pointer, and a third document associated with the fifth pointer to the device;

receiving at the server from the device the first context indicator, the first pointer, and a request; and

generating based on the request a fourth data structure with a seventh pointer for the first frame and an eighth pointer for the second frame.

15. (Original) A method for maintaining at a server frame context for a device that is unable to display multiple frames, the method comprising:

generating a list including at least one data structure;

wherein each data structure includes at least two pointers and each of the at least two pointers corresponds to a different respective frame;

wherein each data structure has a corresponding respective context indicator; and
sending from a server to a device a first context indicator, a first pointer, and a first document pointed to by the first pointer.

16. (Original) The method of claim 15, further comprising:

receiving at the server from the device the first context indicator, the first pointer, and a request;

generating based on the request a new data structure;

associating a new context indicator with the new data structure;

placing the new data structure into the list; and

sending from the server to the device a new context indicator, a new pointer which is associated with the new data structure, and a new document pointed to by the new pointer.

17. (Original) The method of claim 16, further comprising:

assigning the first context indicator and the first pointer to a current context indicator; and

wherein the assigning the first context indicator occurs before receiving at the server from the device the first context indicator.

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18. (Original) The method of claim 17, further comprising reassigning the first context indicator and the first pointer to the current context indicator after receiving at the server from the device the first context indicator.

19. (Original) The method of claim 16, wherein generating is also based on the first context indicator and the first pointer.

20. (Original) A method for maintaining frame context, the method comprising:
receiving at a device a context indicator that points to a data structure on a server;
wherein the data structure has at least two pointers each of which corresponds to a different respective frame; and

receiving at the device one of the at least two pointers and a document associated with the one of the at least two pointers.

21. (Original) The method of claim 20, the method further comprising sending from the device to the server the context indicator and the one of the at least two pointers.

22. (Original) The method of claim 21, wherein the sending occurs when a user backtracks to the document pointed to by the one of the at least two pointers and makes a request associated with the document.

23. (Original) The method of claim 21, the method further comprising sending from the device to the server a request associated with the context indicator and the one of the at least two pointers.

24. (Original) The method of claim 20, the method further comprising storing the context indicator, the one of the at least two pointers and the document associated with the one of the at least two pointers.